



Construction Seaming Tape

8087

Technical Data

June, 2011

Product Description

3M™ Construction Seaming Tape 8087 is designed to seal seams on housewrap and insulated sheathing products. It can also be used to seam polyethylene vapor barrier products as well as to repair holes and tears in these building materials. Taping seams aids in reducing air infiltration, improving the effectiveness of insulation and reducing heating and cooling costs.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Biaxially oriented polypropylene film	Acrylic	Red	1.88 in. x 54.6 yds. (48 mm x 50 m) 2.83 in. x 54.6 yds. (72 mm x 50 m)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	45 oz./in. width (49 N/100 mm)	D-3330
Adhesion to Housewrap:	25 oz./in. width (27 N/100 mm)	D-3330
Adhesion to Polyethylene:	16 oz./in. width (17.5 N/100 mm)	D-3330
Tensile Strength:	20 lbs./in. width (350 N/100 mm)	D-3759
Elongation at Break:	130%	D-3759
Total Thickness:	3 mils (0.076 mm)	D-3652
Backing Thickness:	1.5 mils (0.038 mm)	D-3652
Water Vapor Transmission Rate:	0.14 g/100 in. ² /24 hr.	D-3833
Flame Spread Index:	0	E-84
Smoke Developed Index:	0	E-84
Application Temperature:	14°F to 120°F (-10°C to 49°C)	
Service Temperature:	-40°F to 220°F (-40°C to 105°C)	

Features

- Excellent cold temperature adhesion to housewrap and polyethylene as low as 14°F (-10°C).
- UV resistant film helps protect against degradation by sunlight.
- Meets the criteria to contribute to the Environmental Quality ("EQ") Credit 4.1: Low-Emitting Materials: Adhesives & Sealants under the United States Green Building Council's Rating System for New Construction & Major Renovations (LEED-NC), Version 2.2, Core and Shell (LEED_CS), Version 2.0, and Commercial Interiors (LEED_CI), Version 2.0.
- If applied at cold temperatures, adhesion will increase as temperature warms or with the sun's rays.
- Low moisture vapor transmission rate does not compromise performance of vapor barriers.